

TCAP Achievement, Grade 3, Science
Criterion Referenced Test (CRT) Reporting Categories with State Performance Indicators (SPI)

Structure and Function of Organisms	
SPI#	State Performance Indicator
3.1.1	Identify the part that is missing from a specific plant or animal.
3.1.2	Identify the part that belongs to a specific plant or animal.
3.1.3	Identify the function of specific plant and animal parts.
3.3.1	Identify the basic needs of plants and animals.
3.3.2	Recognize that animals obtain their food by eating plants or other animals.
3.3.3	Recognize that plants use sunlight, water, and air for photosynthesis.
Ecology	
SPI#	State Performance Indicator
3.2.1	Distinguish between living and non-living things in an illustration.
3.2.2	Select the plants and animals found in a specific environment.
3.2.3	Identify the sense used to collect specific information.
3.2.4	Identify the environment that has been impacted by pollutants.
3.5.1	Identify groups of similar organisms (i.e., plants and animals).
3.5.2	Identify an organism that belongs in a specific environment.
3.5.3	Identify the characteristics that enable a specific plant and/or animal to survive in its environment.
Life Cycles and Biological Change	
SPI#	State Performance Indicator
3.4.1	Choose the diagram that depicts a parent with its offspring.
3.4.2	Select the illustration that shows an adult organism.
3.4.3	Select the illustration that shows how an organism changes as it matures.
3.6.1	Identify an example, other than a dinosaur, or an extinct organism.
3.6.2	Identify evidence used to determine that an organism previously existed.
3.6.3	Match the organism to the evidence for its former existence.
Space, Weather, and Climate	
SPI#	State Performance Indicator
3.7.1	Identify objects found in the day or nighttime sky.
3.7.2	Identify the approximate time of day from a picture of the sun's position in the sky.
3.7.3	Choose the appropriate tool for observing a specific distant object.
3.7.4	Identify the four basic phases of the moon.
3.7.5	Identify the components of the solar system (i.e., planets, moons).
3.8.1	Select appropriate clothing for a given weather condition.
3.8.2	Identify the season when given a description of weather, plants, and animals.
3.8.3	Match temperature, precipitation, wind speed and direction, and cloud conditions with different weather conditions.
3.8.4	Identify the appropriate tools to measure temperature and precipitation.
3.8.5	Match the cloud type to a specific type of weather.
Earth's Features and Resources	
SPI#	State Performance Indicator
3.9.1	Identify the labeled part of a map or illustration as a continent, ocean, lake, river, mountain, or island.
3.9.2	Select the illustration that identifies geological feature.
3.9.3	Identify a geological feature given specific information.
3.10.1	Identify an object as natural or man-made.
3.10.2	Recognize the properties used to identify specific Earth materials.
3.10.3	Identify methods for conserving natural resources.
Motion and Forces, Forms of Energy	
SPI#	State Performance Indicator
3.11.1	Identify that an unbalanced force is needed to change the direction of an object.
3.11.2	Select an object that would be attracted by a magnet.
3.11.3	Identify how weights affect a balanced scale.
3.11.4	Select how surface characteristics affect the movement of an object.
3.14.1	Identify the source of the Earth's heat and light energy.
3.14.2	Identify how sounds are produced.
3.14.3	Identify the illustration that demonstrates the effects of the sun on various materials.

SPI# -- Grade Level. Content Standard Number. Performance Indicator Number

Please refer questions about this list to the Tennessee Department of Education, Evaluation and Assessment. 01/08/04

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Matter	
SPI#	
3.12.1	Select an object according to a particular property.
3.12.2	Order objects according to a specific property (i.e., longest to shortest, heaviest to lightest).
3.12.3	Identify appropriate tools for determining the weight or length of materials.
3.12.4	Identify an object when given its properties.
3.13.1	Identify the effects of mixing two types of materials (i.e., salt and pepper).
3.13.2	Choose features associated with physical changes.
3.13.3	Identify methods for separating mixtures.

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